

DRUGS OF ABUSE

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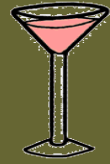


CNS DEPRESSANTS - Drugs
***that depress the overall
functioning of the Central
Nervous System (CNS) to
induce sedation, muscle
relaxation, and drowsiness*.***

**** "Uppers, Downers, All Arounders, 3rd Edition",
CNS Productions***



ALCOHOL



- ★ Alcohol is the MOST ABUSED drug by Soldiers.***
- ★ Alcohol is a Central Nervous System (CNS) depressant.***
- ★ Alcohol is considered to be a gateway drug to other drug use.***
- ★ A standard alcohol drink is considered to be:***
 - ⊠ One 12-ounce bottle of beer/wine cooler***



ALCOHOL



****Alcohol is also known as:***

- ▯ ***Juice***
- ▯ ***Sauce***
- ▯ ***Booze***
- ▯ ***Grog***
- ▯ ***Piss***

****Some effects of alcohol are:***

- ▯ ***Slurred Speech***
- ▯ ***Blurred Vision***
- ▯ ***Loss of Inhibitions***
- ▯ ***Impaired Motor Skills***
- ▯ ***Nausea/Vomiting***
- ▯ ***Unconsciousness***





BARBITURATES



- ♦ *Barbiturates are prescription sedatives or tranquilizers.*
- ♦ *Barbiturates are multi-colored pills and tablets and are Central Nervous System (CNS)*

depressants that cause

drowsiness.

Downers

Sleepers

Stumblers

Barbs

Red

Devils

Rainbows

★ *Barbiturates are also known as:*

BARBITURATES

- ***Barbiturates are most often consumed to get “high”.***

- ***Barbiturates can cause:***

- ▮ ***Sleepiness***
 - ▮ ***Irregular Menstruation***

- ▮ ***Nausea/Dizziness***
 - ▮ ***Vertigo***

- ▮ ***Impaired Senses***
 - ▮ ***Coma***

- ▮ ***Lack of Motivation***
 - ▮ ***Death***

- ▮ ***Loss of Sexual Drive***

- ***Barbiturates are prescribed to treat***

- ▮ ***Anxiety***

- ▮ ***Depression***

- ▮ ***Epilepsy***

- ▮ ***Insomnia***

- ▮ ***Alcohol and Other Drug (AOD) Withdrawal***



KETAMINE

- ⊕ Ketamine, or ketamine hydrochloride, is a Central Nervous System (CNS) Depressant and a dissociative anesthetic, or a drug that separates perception from sensation.***
- ⊕ Ketamine is used primarily as an anesthetic in veterinary medicine, but is also sometimes used with small children and the elderly.***
- ⊕ Ketamine can be found as a clear white liquid or as a white powder.***

KETAMINE

⊕ ***Ketamine can be ingested several different ways:***

- ⊐ Injected
- ⊐ Snorted
- ⊐ Smoked
- ⊐ Orally - In a pill or liquid form

⊕ ***Ketamine is also called:***

- ⊐ K
- ⊐ Kit Kat
- ⊐ Special K
- ⊐ Super Acid



KETAMINE SIDE EFFECTS

- ▢ Chronic Depression
- ▢ High Blood Pressure
- ▢ Muscle Rigidity
- ▢ Respiratory Distress
- ▢ Paralysis
- ▢ Stroke
- ▢ Heart Attack

- ▢ Death
- ▢ *"K-Hole"* - Slang for the near- death or out-of-body experience that Ketamine causes.



Ketamine Box (Anesket)
Photo by Jesse & Michael H., © 2001 Erowid.org



OPIATES

- *Opiates are drugs that are derived from the Poppy Plant and are Central Nervous System (CNS) depressants.*

- *The most common opiates are:*

- *Opium*
- *Heroin*
- *Morphine*
- *Codeine*



- *Opium is derived from several different poppy plants:*

Opium	Opium	Opium	Opium
Opium	Opium	Opium	Opium
Opium	Opium	Opium	Opium
Opium	Opium	Opium	Opium

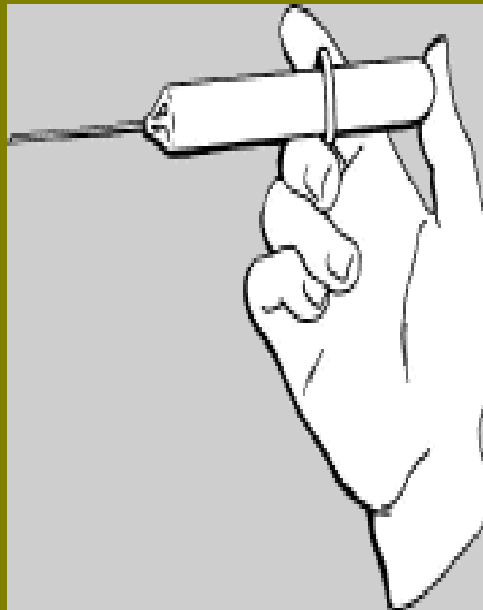
HOW ARE OPIATES CONSUMED?

Snorted -

Because of the high potency of heroin today, more and more users are

snorting the ~~drug.~~
Smoked - The method of choice for opium is smoking the tar like substance.

Other opiates are often smoked on top of marijuana. This is known as "snow capping".



Injected - Injecting opiates, specifically heroin, is still the choice ingestion method. Many addicts choose to inject the drug because of the quick and powerful onset of the effects.

~~Users can inject the drug directly into the blood stream or the muscle tissue.~~
Eaten - All opiates can be consumed orally. Many prescription pain killers on the market today are opiates.

OPIATES SIDE EFFECTS

- ▣ Absence of Stress
- ▣ Nausea/Vomiting
- ▣ Sleepiness
- ▣ Constipation
- ▣ Itchy Skin
- ▣ Impaired Vision
- ▣ Altered Mental Process
- ▣ Collapsed Veins
- ▣ Menstrual Irregularities
- ▣ Loss of Sex Drive
- ▣ Liver Damage
- ▣ Kidney Damage
- ▣ Lung Damage
- ▣ Brain Damage
- ▣ Immune System Damage
- ▣ Overdose/Death



OXYCONTIN

- ***Oxycontin is a synthetic opium derivative that is available by prescription.***
- ***Oxycontin is an extremely potent pain killer that comes in time release tablets that last for up to twelve hours.***

OXYCONTIN

- ***Oxycontin has been linked to over 120 overdose deaths nationwide. In addition to overdose, some***

serious side effects are:

▮ Chestpain

▮ Nausea/Vomiting

▮ Muscle Weakness/Aches

▮ Breathing Difficulties

▮ Fever

▮ Seizures

- ***Oxycontin is also called:***

▮ OCs

▮ XYs

▮ Oxycoffins

▮ Oxycotton



GHB



- ✦ ***GHB, or Gamma Hydroxylbuteric acid, is a central nervous system (CNS) depressant that sometimes causes hallucinations.***
- ✦ ***GHB is usually found as a clear liquid with a slightly salty taste, but can also be found as a small tablet or capsule, all of which dissolve quickly in liquid.***
- ✦ ***GHB usually is sold by capful or teaspoon, also known as a “dose”.***



GHB



▲ ***GHB is also known as:***

▢ Georgia Home Boy

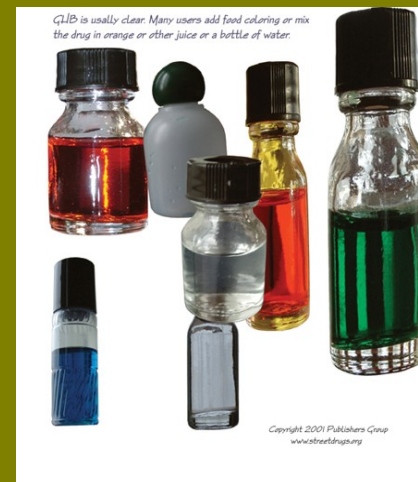
▢ Liquid X

▢ Gamma X

▢ Gook

▢ Fantasy

▢ Grievous Bodily Harm



▲ ***The side effects of GHB depend on the amount consumed and can be felt within one hour of ingestion:***

▢ Dizziness/Nausea

▢ Slurred Speech

▢ Vertigo/Sight Problems

▢ Reduced Inhibitions

▢ Grogginess

▢ Coma/Death



ROHYPNOL



- ***Rohypnol (chemical name - fluritzrazepam) is a CNS Depressant that is more than ten times as strong as Valium.***
- ***Rohypnol belongs to the benzodiazepines family, which also includes drugs such as Valium, Librium, and Xanax.***
- ***Rohypnol is known as a “Date Rape Drug” due to its association with sexual assaults.***
- ***Rohypnol is almost always ingested orally in either the pill form or dissolved in a***

ROHYPNOL

- ***Rohypnol is sometimes also called:***

- Forget Me
- Roach
- Roophies Drug
- Rib
- Rope
- Circles

- ***There are several side effects associated with Rohypnol use:***

- ▢ Disinhibition
- ▢ Blackouts (can last 8-24 hours)
- ▢ Slurred Speech
- ▢ Dizziness/Nausea
- ▢ Aggressive Behavior
- ▢ Amnesia
- ▢ Overdose
- ▢ Respiratory Distress
- ▢ Death



Though typically white in color, flunitrazepam pills recently seized in Egypt were of a brownish-pink tint, indicating a counterfeit product.

CNS STIMULANTS - Drugs
***that increase the chemical
and electrical activity of the
Central Nervous System
(CNS) and make the user
more alert, active, anxious,
restless and, in general,
more stimulated than
normal****

* "Uppers, Downers, All Arounders, 3rd Edition",
CNS Productions



AMPHETAMINES



Amphetamines are generally a white or off- white powder that can be ingested orally, snorted, or injected.

The side effects of amphetamine abuse can include:

***Decreased
Appetite***

Body Tremors

***Irregular
Heartbeat***

***Loss of
Coordination***

***Chronic
Psychosis***

Chronic Anxiety

Brain Damage

Coma/Death

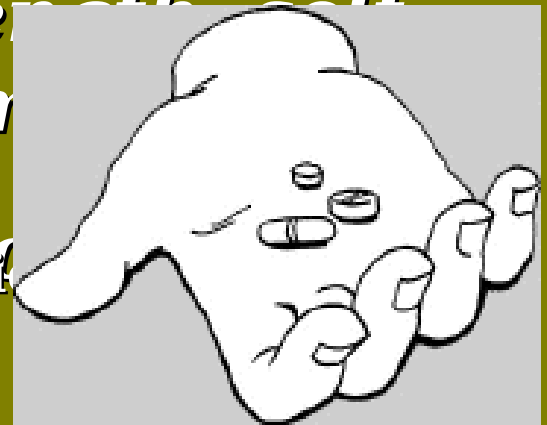
AMPHETAMINES

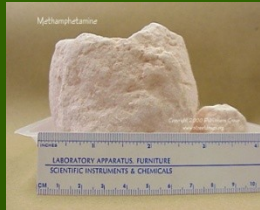
▫ ***Amphetamines are powerful stimulants that increase activity in the Central Nervous System (CNS), or speed up the way the human body works.***

▫ ***Amphetamines are drugs that induce false feelings of power, strength, self-assertion and enhanced motivation.***

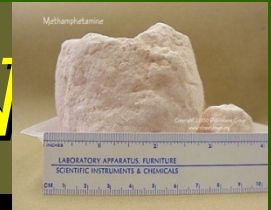
▫ ***Amphetamines are also known as:***

▫ **Speed** ▫ **Jolies** ▫ **Black Beauties**
▫ **Wake Ups** ▫ **Bennies** ▫ **Crystal**





METHAMPHETAMINE



✧ ***Methamphetamine is a powerful, synthetic Central Nervous System (CNS) Stimulant.***

✧ ***Methamphetamine is generally a white or off-white powder that can be ingested several different ways:***

▢ ***Orally - In a pill form***

▢ ***Snorted - This can cause severe damage to the interior and exterior of the nose.***

▢ ***Intravenously - The methamphetamine can be injected into either the blood stream or the muscle tissue***

▢ ***Smoked - Methamphetamine is sometimes smoked by itself or on top of marijuana***

METHAMPHETAMINE

▯ ***Methamphetamine is also known as:***

▯ Ice ▯ Meth ▯ Crystal ▯ Crystal Meth

****The side effects of methamphetamine are so serious that they can effect the abuser for the rest of their life:***

▯ Anxiety/Panic

▯ Birth Defects

▯ Attacks

▯ Chronic

▯ Severe

▯ Depression

▯ Psychological

▯ Kidney

▯ Problems

▯ Disorders

▯ Stroke

▯ Lung Disorders

▯ Death

▯ Immune System

▯ Damage



COCAINE

- ✦ *Cocaine is a bitter, white, odorless, crystalline drug.*
- ✦ *Cocaine is a Schedule II drug and is classified as a CNS stimulant.*
- ✦ *Cocaine is extracted and refined from the Coca Plant, which grows primarily in the Andean region of South America.*
- Dust • Blow • Candy
- ✦ *Cocaine is also known as*
 - Snow • Crack • Coke





COCAINE



▲ *The side effects of cocaine use can be extremely dangerous:*

- | | | |
|------------------------|------------------|------------------|
| ▯ Dilated Pupils | ▯ Psychosis | ▯ Seizures |
| ▯ Increased Heart Rate | ▯ Fear/Paranoia | ▯ Strokes |
| ▯ Nausea/Vomiting | ▯ Kidney Failure | ▯ Overdose/Death |

▲ *The level and length of the effects depend on how the drug was induced.*

	Onset	Duration
Snorted	1 minute	20-40 Minutes
Injected	1-5 Seconds	15-20 Minutes

HALLUCINOGENS - Drugs
that cause intensified
sensations, mixed-up
sensations (visual input
becomes sound), illusions,
delusions, hallucinations,
stimulation, and impaired
judgment and reasoning*.

* "Uppers, Downers, All Arounders, 3rd Edition",
CNS Productions

LSD

✧ *LSD is hallucinogenic chemical that is derived from a parasitic fungus that grows on rye.*

▣ *LSD is produced as a crystal, then dissolved in alcohol prior to sale and consumption.*

▣ *LSD users describe their experience with the drug as a “trip”.*



Acid



Trips

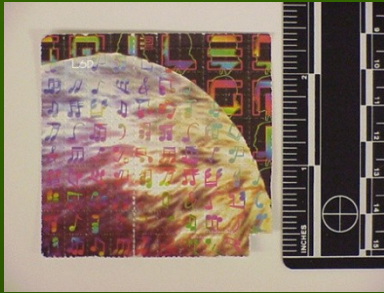


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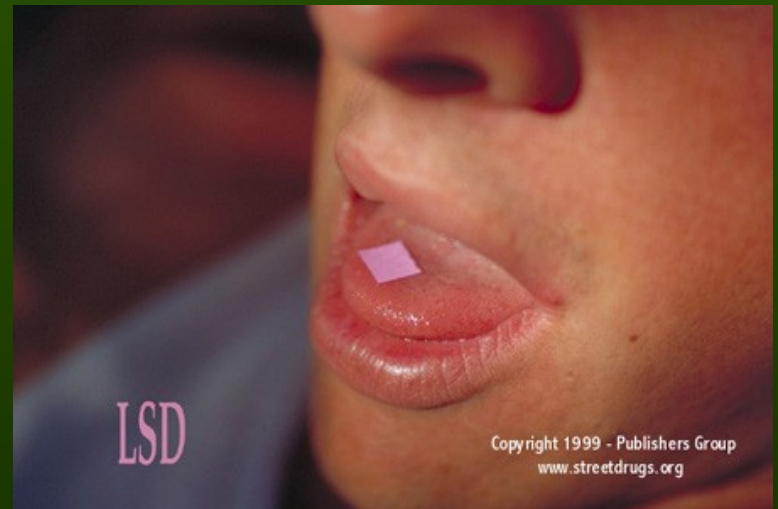
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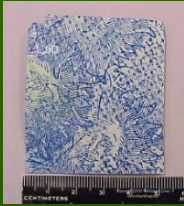
▣ *LSD has become known*



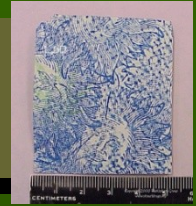
HOW IS LSD CONSUMED?

LSD is generally taken orally, either as a pill, a piece of blotter paper (as seen on right), or via liquid dripped onto a sugar cube. LSD can also be absorbed through the users skin.





LSD SIDE EFFECTS



Physical side of effects of LSD include:

- Dilated Pupils
- Body Tremors

- Extreme Sweating
- Nausea

- Loss of Appetite
- Seizures

Most psychological side effects are due to severe changes to the users

perception, thought, and emotion of: Senses (i.e.

- Hallucinations
- Loss of Depth

- Perception
- Feelings of fear and anxiety - “BAD TRIPS”

- Seeing Music and Hearing Colors)
- Distorted Perception of Time

- True Hallucinations



MUSHROOMS



- ▮ *Mushrooms that contain PSILOCYBIN are known as ‘magic mushrooms’ as they contain hallucinogenic properties.*
- ▮ *Magic mushrooms have been used by several cultures to induce altered states of consciousness during their religious rituals.*
- ▮ *Mushrooms can be consumed in a variety of manners:*
 - ✧ ***Eaten** - Either raw or cooked, much like non-hallucinogenic mushrooms.*
 - ▮ ***Drank** - Heated with water to make a tea or soup.*

MUSHROOMS

The side effects of Mushrooms vary greatly depending upon the strength and purity of the fungus:

➤ *Stomach Pains*

➤ *Mental Disorders*

➤ *Increased Heart Rate*

➤ *Anxiety/Panic Attacks*

➤ *Nausea/Vomiting*

➤ *Flashbacks*

➤ *Diarrhea*

➤ *Impaired Judgement*



PCP

▮ ***PCP is classified as a hallucinogen and a dissociative anesthetic, or drug that separates perception from sensation.***

▮ ***PCP comes in several forms***

- ***Crystalline Powder***
- ***Colored Powder***
- ***Diluted in Water***
- ***Pills***
- ***Capsules***

▮ ***PCP is also known as:***

- | | |
|-----------------------|-----------------------|
| ➤ <i>Angel</i> | ➤ <i>Sherm</i> |
| <i>Dust</i> | |
| ➤ <i>Boat</i> | ➤ <i>Dust</i> |



PCP

PCP can be ingested several ways:

- ***Orally - In liquid or pill form***
- ***Smoked***
- ***Snorted***
- ***Injected***



PCP has been known to be used in combination with other substances:

- ***LSD - “Super Tripping”***
- ***Marijuana - “Killer Weed” or “Boat”***
- ***Tobacco - “Sherms”, usually with menthol cigarettes to sooth the burning of the hot PCP smoke.***
- ***Mint/Parsley - “Green”***



PCP SIDE EFFECTS



The side effects of PCP use can cause serious long term damage to the human body:

- Irregular Heart Rate
- Nausea/Vomiting
- Loss of Reflexes
- Chronic Psychosis
- Kidney Failure
- Brain Hemorrhaging
- Schizophrenia
- Coma
- Death

Cigarette with PCP in Formaldehyde



MIND ALTERING DRUGS -

Drugs that cannot be classified into any single category. Mind altering drugs can contain CNS depressant, CNS stimulant, and/or hallucinogenic

* "Uppers, Downers, All Arounders, 3rd Edition",
CNS Productions

properties.*



THC



- ***THC (Marijuana) is the MOST ABUSED illicit drug in the United States Army and is considered to be a “Gateway Drug”.***
- ***Delta 9 - Tetrahydrocannabinol (THC) is the active ingredient that causes the “high”.***
- ***THC is psychologically addictive - abuse and addiction is frequently denied.***
- ***Marijuana is a psychoactive or mind altering drug.***
 - ***Psychoactive drugs can produce a mind state similar to psychosis.***

THC (THREE BASIC FORMS)

- ✦ ***Marijuana*** - Made from the leaves, flowers or stems of the hemp plant.
- ✦ ***Hash/Hashish*** - Concentrated form of marijuana by compressing marijuana resins into small blocks.
- ✦ ***Hash Oil*** - Made by soaking marijuana in a chemical solvent (such as rubbing alcohol) and then evaporating the solvent to obtain an oil concentrate.



THC

- ***THC is also called:***

▯ Weed ▯ Grass ▯ Dope ▯
▯ ▯ Joints ▯ Tar ▯ **Green**
Blunts ▯ **Bud**

- ***THC is associated with many side***



▯ Short Term Memory	▯ Paranoia	▯ Loss of Sexual Drive
▯ Loss ▯ Dry Mouth/Throat	▯ Hallucinations	▯ Bronchitis
▯ Sleepiness	▯ Panic Attacks	▯ Lung Cancer
▯ Increased Heart Rate	▯ Psychosis	▯ Brain Damage

INHALANTS

- ***Inhalants are breathable chemical vapors that produce mind altering effects.***
- ***Inhalants are often abused because they are readily available, inexpensive, and can be found almost anywhere.***
- ***There are three different types of inhalants:***

▮ ***Solvents***

▮ ***Gases***

▮ ***Nitrites***



HOW ARE INHALANTS INGESTED?

¥ ***Inhalants are ingested into the body by breathing in the vapors of the product. Several methods of inhalation are used by abusers:***



➤ ***Use of a Bag*** - The bag is filled with the vapors and the user breathes air from the bag. Sometimes users will put their entire head into the bag.

➤ ***Use of a Rag*** - The rag is soaked in the product and the user presses the rag over his/her mouth and nose.

➤ ***Pressurized Containers*** - Some abusers will inhale the product directly from the container.

INHALANTS

□ ***Many of the products that are abused are everyday household items:***

□ Glue/Rubber Cement

□ White-out

□ Aerosols/Hair Spray

□ Toxic Markers

□ Gasoline/Propane

□ Room Odorizers

□ ***Use of inhalants can cause serious long term damage to the***

human body:
□ Sight/Vision Disorders

□ Liver Damage

□ Kidney Damage

□ Bone Marrow Damage

□ Brain Damage

□ Paralysis/Death



PERFORMANCE ENHANCING
DRUGS - *Energy producing drugs that are thought to possess various capabilities to boost an athlete's performance by giving them a competitive edge*.*

* "Uppers, Downers, All Arounders, 3rd Edition",
CNS Productions

ANABOLIC-ANDROGENIC STEROIDS

▮ Anabolic Steroids are synthetic drugs that relate to the male sex hormones, or androgens.

▮ Anabolic-androgenic Steroids are more commonly known as “Anabolic Steroids”.

ANABOLIC-ANDROGENIC STERIODS

Anabolic Steroids Effect the Human Body in Two Major Areas:

1) The anabolic effects of the drugs promote the growth of skeletal muscle.

2) The androgenic effects of the drugs promote the development of male sexual characteristics.



HOW ARE THEY EN?

Anabolic Steroids can be ingested in a variety of ways:

1) Orally - In a pill or liquid form.

2) Intravenously - Injected with the use of a hypodermic needle.

3) Rubbed onto the skin with the steroid in a gel or cream form.

******Some steroid users mix different types and amounts of these drugs to increase the effects. This is call "Stacking".******

STEROIDS SIDE EFFECTS

- **Baldness**
- **Sterility**
- **Brain Damage**
- **Blood Clotting**
- **High Blood Pressure**
- **Liver Cancer**
- **Hepatitis**
- **Eye Infections**
- **Kidney Disease**
- **Chronic Depression**
- **Loss of Memory**
- **Loss of Interest**
- ***Roid Rage*** - *An over aggressive, and sometimes homicidal, attitude associated with steroid use*



UNITED STATES ARMY CENTER FOR SUBSTANCE ABUSE PROGRAMS



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